

Sequence Listing

## SEQ ID NO. 1

5 1 mgrprpraak twmfl111lgg awaghsraqe dkvlgghecq phsqpwqaal fggqqlcgg  
61 vlvgnnwlt aahckkpkyl vrlgdhslqn kdgpeqeipv vqsiphpcyn ssdvedhnhd  
121 lml1qlrdqa slgskvkpiis ladhctqpgq kctvsgwgtv tspr

## SEQ ID NO. 2

10 1 mgrprpraak twmfl111lgg awaghsraqe dkvlgghecq phsqpwqaal fggqqlcgg  
61 vlvgnnwlt aahckkpkyl vrlgdhslqn kdgpeqeipv vqsiphpcyn ssdvedhnhd  
121 lml1qlrdqa slgskvkpiis ladhctqpgq kctvsgwgtv tsprenfpdn lncaevkifp  
181 qkkcedaypg qitdgmvcag sskgadtccg dsggplvcdg alqgitswgs dpcgrsdckpg  
15 241 vytnicryld wikkiigskg

## SEQ ID NO. 3

1 atgggacgcc cccgacctcg tgcggccaag acgtggatgt tctgctctt gctgggggga  
20 61 gcctgggcag gacactccag ggcacaggag gacaagggtc tgggggggtca tgagtccaa  
121 cccattcgc agccttgga ggcggccttg ttccagggcc agcaactact ctgtggcggt  
181 gtcctttag gtggcaactg ggtccttaca gctgccact gtaaaaaacc gaaatacaca  
241 gtacgcctgg gagaccacag cctacagaat aaagatggcc cagagcaaga aatacctgtg  
301 gttcagtcca tcccacaccc ctgctacaac agcagcgatg tggaggacca caaccatgat  
25 361 ctgatgcttc ttcaactgag tgaccaggca tccctggggt ccaaagtga gcccacgag  
421 ctggcagatc attgcacca gcctggccag aagtgcaccg tctcaggctg gggcactgtc  
481 accagtcccc gag

## SEQ ID NO. 4

30 1 atgggacgcc cccgacctcg tgcggccaag acgtggatgt tctgctctt gctgggggga  
61 gcctgggcag gacactccag ggcacaggag gacaagggtc tgggggggtca tgagtccaa  
121 cccattcgc agccttgga ggcggccttg ttccagggcc agcaactact ctgtggcggt  
181 gtcctttag gtggcaactg ggtccttaca gctgccact gtaaaaaacc gaaatacaca  
35 241 gtacgcctgg gagaccacag cctacagaat aaagatggcc cagagcaaga aatacctgtg  
301 gttcagtcca tcccacaccc ctgctacaac agcagcgatg tggaggacca caaccatgat  
361 ctgatgcttc ttcaactgag tgaccaggca tccctggggt ccaaagtga gcccacgag  
421 ctggcagatc attgcacca gcctggccag aagtgcaccg tctcaggctg gggcactgtc  
481 accagtcccc gagagaattt tctgacact ctcaactgtg cagaagtaaa aatctttccc  
40 541 cagaagaagt gtgaggatgc ttacccgggg cagatcacag atggcatggt ctgtgcaggc  
601 agcagcaaag gggctgacac gtgccagggc gattctggag gcccctggt gtgtgatggt  
661 gcactccagg gcatcacatc ctgggggtca gaccctgtg ggaggtccga caaacctggc  
721 gtctatacca acatctgccg ctacctggac tggatcaaga agatcatagg cagcaagggc  
45 781 tga